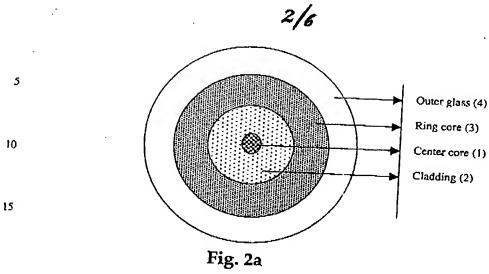
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5 Dispersion 4.2 ps/nm*km @ 1550nm Lower dispersion decreases Four Wavelength Mixing MFD at 1550 nm =9.2-10.0 and Lower um increases effective area which allows more channel to dispersion slope 10 travel at low power density decreases inter channel spacing and use of low DCF <u>Target</u> <u>Ideal Balance</u> Disp. Slope Effective Area 0.07 ps/nm^{2*}km 15 70 pm² Higher effective area decreases non-linear ties due to high power density

Fig 1



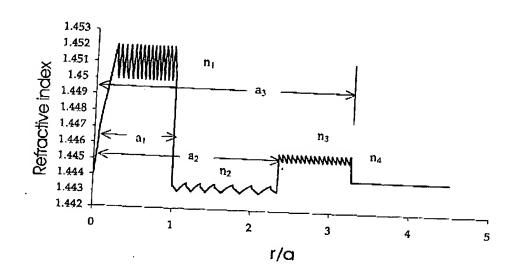


Fig. 2b

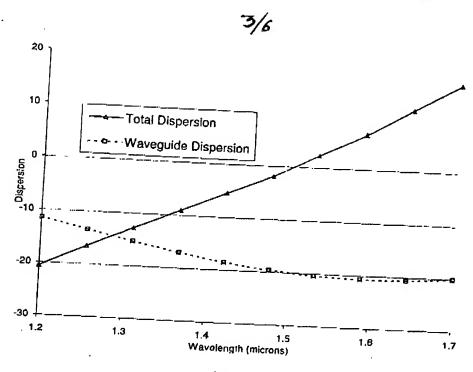


Fig. 6

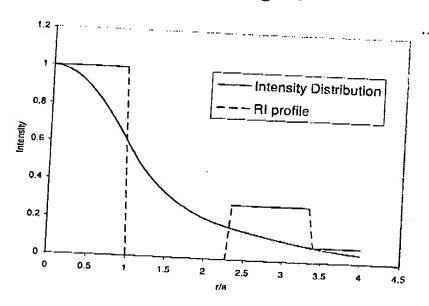


Fig. 3

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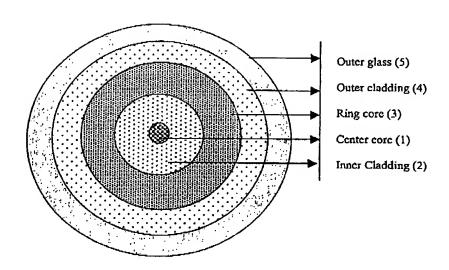
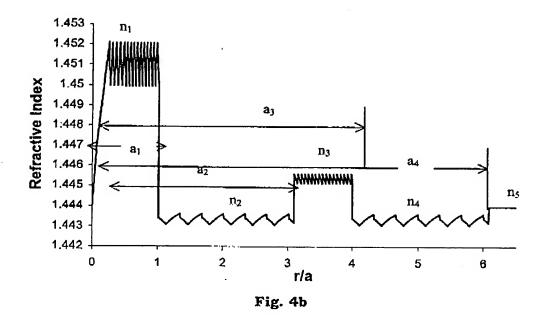


Fig. 4a

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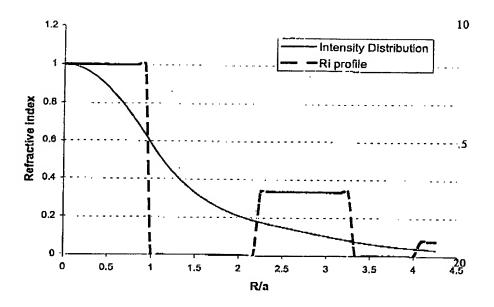


Fig. 5